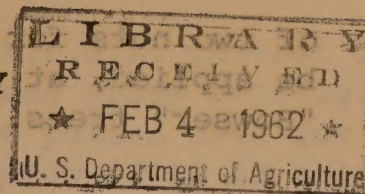


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GILBERT L. SMITH & SONS NURSERY
R. D. 2. MILLERTON, N.Y.
FALL 1961 - SPRING 1962



We have some very good trees to offer for this fall and next spring delivery.

Our supply of trees is still limited due to lack of stocks on which to graft. However, next year we will have all the stocks we will have time to graft.

All orders will be filled in the order in which we receive them, so long as the supply of each variety lasts.

A NEW INTRODUCTION

THE "BOWSER", A FABULOUS NEW EASTERN BLACK WALNUT.

This new variety is the result of plant breeding work by the late John Davidson.

According to tests conducted by the United States Department of Agriculture at the Beltsville Station.

Nuts 30 to 35 per pound. (This means medium size).
Kernel, 1st year crop 37.69%. 2nd year crop 37.8%.
1st year crop, 10 nuts, 38 whole quarters, 2 broken.
2nd year crop, 5 nuts, 18 whole quarters, 2 broken.
This shows a very thin shell with excellent cracking quality. Flavor of the kernel is excellent.

Very few of the other named varieties of eastern black walnut yield more than 30% kernel. None as high as 35% kernel.

The original tree of this variety is now owned by Mr. Homer G. Bowser of Xenia, Ohio. Mr. Bowser is not having the variety patented but he is controlling the propagating wood of the variety for as long as he can. This will be about five years. We have propagated trees of the "Bowser" under an agreement with Mr. Bowser, whereby he receives \$2.00 for each tree we sell of the variety. We simply add this \$2.00 to the regular price we charge for our other varieties of grafted black walnut trees. Making the price for "Bowser" trees as follows:

Under 2 feet trees	\$4.00
2 - 3 feet	4.50
3 - 4 feet	5.00
4 - 5 feet	5.50
Over 5 feet	6.00

We have a small supply of "Bowser" nuts. We will send a sample

of two nuts for 25¢ and issue with them, a credit slip that can be applied, at full value, on the purchase of one or more "Bowser" trees.

PERSIAN WALNUTS (ENGLISH WALNUT)

Most varieties of Persian walnuts, require a tree of another variety to pollinize it. This means that certain varieties should be planted together, see Pollination Chart on pages 4 & 5. However, some varieties are self pollinizing, at least to a large extent. This will be stated in the description. We are listing the named varieties in the order in which we esteem them, with our present knowledge of them.

The Carpathian strain of Persian walnuts will stand temperatures to about -30° F. without serious injury. As temperatures go below this point, damage will be increasingly greater. Some trees were killed at -35° F., all were seriously damaged.

HANSEN - This is not a Crath Carpathian. Due to our own observations and what we have learned from others, we are forced to place this variety at the top of our list. It has nearly everything you can look for in a Persian walnut, except size of nut. It is very definitely self fruitful, it bears heavily, without any other variety growing nearby. It is as hardy as the Carpathians, our small tree has been pruned heavily every year, to secure scion wood, yet it withstood -30° F. last winter without any sign of damage, except that some of the catkins were killed but in this respect it fared better than any of our Carpathians, about 50% of the catkins developed and shed pollen and it bore more nuts than any of our other trees, this fall. It has a high percentage of kernel. Seems to be but little bothered by the husk maggot. It has won prizes in every contest that it has been shown, including second prize in both Northern Nut Growers Association Contests, in competition with larger nuts.

McKINSTER - We are forced to place this variety second, through no fault of its own but because of the virtues of Hansen. It won first prize in the Northern Nut Growers Association Contest of 1949-50 and third prize in the 1950-51 Contest. It is a large nut of excellent quality. The tree is a rapid grower. It bears heavily and is self pollinizing.

METCALFE - A Crath Carpathian. While this variety won first prize in the N.N.G.A. Contest of 1950-51, we are listing it third because it has not borne very well for us, this may be due to lack of suitable pollinizer and may be corrected soon. Nut of medium size but of very excellent quality, tree is a rapid grower. It sheds pollen early but needs a medium late pollinizer.

ORTH - A Crath Carpathian. 6th prize in the N.N.G.A. Contest of 1950-51. A large nut of excellent quality, tree grows rapidly. As our graft of it is young, we do not know the pollen date for it, it needs a medium pollinizer. We do not know if it is self pollinizing.

CLINTON (S-5) - A Crath Carpathian. We are listing it fifth for the following reasons: it is a very large nut of excellent quality, tree grows rapidly, bears heavily, and it is self pollinizing.

MORRIS - A Crath Carpathian. 4th prize in the N.N.G.A. Contest of 1949-50 and 9th place in the 1950-51 Contest. A large nut of excellent quality, tree grows rapidly and bears well. Doubtful if it is self pollinizing but may be to some extent.

DEMING - A Crath Carpathian. 5th prize in the N.N.G.A. Contest of 1949-50. Not entered in the 1950-51 Contest. A large nut of excellent quality, tree grows rapidly, bears heavily and it is self pollinizing.

LITTLEPAGE - A Crath Carpathian. Our Patent No. 815. We place this variety eighth as it is not as good quality as the foregoing varieties. Tree is rapid growing, bears very heavily, nut is large and of good quality.

CLARENCE - A Crath Carpathian. We named this variety because it is an excellent medium late and late pollinizer. Tree grows rapidly, bears well, nut large and of very good quality. Should be a good pollinizer for Metcalfe.

Following are our unnamed varieties, these go by numbers. We will discontinue several of these so as to grow more of the named varieties. All are Crath Carpathians.

S-6 - Nut large, quality very good to excellent. Shells do not seal well, so would not make a good commercial variety unless marketed as shelled nut kernels. A good home variety.

S-7 - Nut very large, shell rather rough, very good quality.

S-17 - Nut small to medium size, fills very well, excellent quality. A good variety for regions where late spring frosts are a problem, as it leafs-out later than most Carpathians.

S-24 - Nut large, quality good. An excellent medium late and late pollinizer.

S-26 - Nut small to medium size, excellent quality.

S-29 - Nut large size, very good quality. An excellent medium late and late pollinizer.

S-31 - Nut small to medium size, excellent quality, fills very well. Tree very heavy bearer.

S-32 - Nut medium size, quality excellent. Honorable Mention in the N.N.G.A. Contest of 1949-50.

S-35 - Nut medium to large, quality excellent. Needs late pollinizer.

S-45 - Nut small to medium, quality excellent, fills exceptionally well. Another excellent variety for regions where late spring frosts are a problem, as it leafs-out late.

S-46 - Nut large size, quality very good to excellent.

S-57 - Nut small to medium size, fills very well, quality very good. Another of the late leafing varieties, good for planting where late spring frosts are a problem. Late in blooming, both staminate and pistillate, may be self pollinizing.

Following is a pollination chart for Persian walnuts. It is divided into two halves, the upper half being the staminate blossoming time and the lower half is the pistillate blossoming time. There are four columns, graduated from early on the left to late on the right. There are two or three days time lapse between each column. To use the chart, the varieties listed in the upper half, will pollinize the varieties listed in the lower half of the same column.

STAMINATE

<u>EARLY</u>	<u>MEDIUM EARLY</u>	<u>MEDIUM LATE</u>	<u>LATE</u>
Hansen	Broadview	Broadview	Caesar
Metcalfe	Colby	Colby	S-17
Littlepage	Deming (S-38)	Deming (S-38)	S-22
Payne	Lancaster	Morris	S-24
S-6	McKinster	S-7	S-25
S-7	Morris	S-12	S-29
S-12	Payne	S-22	S-32
S-33	S-5	S-24	S-41
	S-6	S-25	S-45
	S-7	S-26	S-57
	S-12	S-29	
	S-22	S-31	
	S-31	S-33	
	S-35	S-41	

PISTILLATE

Caesar	Caesar	Deming (S-38)	Broadview
McKinster	Colby	Hansen	S-6

<u>EARLY</u>	<u>MEDIUM EARLY</u>	<u>MEDIUM LATE</u>	<u>LATE</u>
Morris	Deming (S-38)	Lancaster	S-7
Orth	Hansen	Littlepage	S-12
S-5	Littlepage	Metcalfe	S-17
S-25	Orth	Payne	S-33
S-26	S-5	S-6	S-35
S-29	S-17	S-17	S-46
S-31	S-22	S-22	S-57
S-32	S-24	S-32	
	S-25	S-41	
	S-26	S-45	
	S-29	S-46	
	S-32	S-48	
	S-41	S-57	
	S-45		
	S-46		
	S-48		

HEARTNUTS

The heartnut is one of the most ornamental of the nut trees. The flavor of the nut is very much like that of the butternut. The varieties we offer, crack out nearly 100% whole half kernels, when properly dried.

FAUST - Nut large size, cracks perfectly, quality very good.

FODERMAIER - Nut large size, cracks perfectly, quality very good. Tree not as hardy as the Wright variety.

GELLATLY - Nut medium size, cracks perfectly, quality very good.

MARVEL - Result of crossing Fodermaier x Wright. Nut medium size, cracks perfectly, quality very good.

RIVAL - A sister variety of Marvel. Nut medium size, cracks perfectly when well dried, quality very good.

WRIGHT - Nut large size, cracks perfectly, quality very good. Tree most hardy of any of our heartnuts. But all our varieties will withstand -25° F. All have withstood -30° F. here.

Wild butternut trees will pollinize heartnut trees, so in any region where the butternut grows wild, you do not need to worry about a pollinizer for heartnuts. However, Wright will pollinize Fodermaier, Marvel and Rival. We do not have blossoming dates on Gellatly and Faust.

BLACK WALNUTS

ELMER MYERS - Nut small to medium size, shell thin, cracks well, good quality.

6.
KROUSE - Nut large, cracks well, quality very good.

OHIO - Nut large, cracks well, quality very good. Seems to fill better in cool summers than most other varieties.

PINECREST - Early, nut large, cracks well, quality very good.

SNYDER - Early, nut large, cracks well, quality very good. 1st prize in New York - New England Contest of 1934. Retains foliage well in the fall.

SPARROW - Early, nut medium size, cracks well, quality excellent. Still our favorite variety, except possibly Bowser. Retains foliage well in the fall.

STAMBAUGH - Late, nut large, cracks well, quality excellent. 1st prize in the Northern Nut Growers Association Contest of 1926. As grown here, it is very susceptible to walnut anthracnose or leaf spot, thus shedding its leaves early in the fall, often resulting in poorly filled nuts.

THOMAS - The old standby. This variety has been propagated longer than any other variety and there are no doubt more Thomas trees growing than any other variety. Nut large, cracks well, quality very good. We have not found the tree to be as hardy as the other varieties listed and we do not consider the flavor of the kernel as good as some.

TROUP - Nut large, cracks well, quality very good. Good bearer.

WANDA - Nut small to medium size, cracks well, quality very good. This is the earliest black walnut we have had any experience with. We advise it for locations of short seasons.

BUTTERNUT

LOVE - We have trees of only this one variety. We do not know very much about it, but it was good enough to be named.

HICKORY

There is no use of our listing varieties of hickory until we have been able to grow a supply of rootstocks to grafting size. All grafts we have been able to grow this year have gone to fill reservations. Still advise the making of reservations. We may have more stocks for spring of 1963.

CHINESE CHESTNUTS

We have started the grafting of Chinese chestnuts. We are doing this by placing grafts on seedlings from the variety we are grafting. That is, we place scions of Nanking on seedlings grown from Nanking nuts, Meiling scions on seedlings from Meiling

nuts, Abundance scions on seedlings from Abundance nuts, etc. This is so as to have the closest relation between stock and graft that is possible. We believe that this will overcome most of the trouble from incompatibility of stock and graft. We grafted a few trees last spring, but are sold out of all but one Abundance graft. We will have a good supply of rootstocks on which to graft this spring. We advise the making of reservations for any of these grafted trees you want for the season of 1962-63.

NANKING - Nut very large, about the size of the European chestnuts. Quality excellent. Bears well and we believe is immune to the blight.

MEILING - Nut large, bears well, quality excellent. We believe that it is immune to the blight.

ABUNDANCE - Nut somewhat smaller than the two preceding varieties, but large for a Chinese chestnut. Bears heavily, quality excellent. We believe that it is immune to the blight.

We have a fairly good supply of seedling trees of a very good strain that is very resistant to the chestnut blight and to cold winters. It produces nuts of good size and quality, very much like our American chestnuts.

Prices of trees - 1 to 9 trees 10 to 49 trees over 50 trees			
1 year seedlings	50¢ each	40¢ each	30¢ each
2 year seedlings	75¢ "	65¢ "	45¢ "

PRICES OF GRAFTED TREES

PERSIAN WALNUT, HEARTNUT AND BUTTERNUT TREES.

Under 2 ft trees	\$4.00 each
2 to 3 ft trees	4.50 "
3 to 4 ft trees	5.00 "
4 to 5 ft trees	5.50 "
Over 5 ft trees	6.00 "

BLACK WALNUT TREES

Under 2 ft trees	\$2.00 each
2 to 3 ft trees	2.50 "
3 to 4 ft trees	3.00 "
4 to 5 ft trees	3.50 "
Over 5 ft trees	4.00 "

HICKORY TREES

All grafted trees	\$4.00 each
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All prices are F.O.B. Millerton, New York or Canaan, Connecticut. Bundles that comply with the Parcel Post Regulations, will be sent by Parcel Post and we will bill for the postage or will deduct it from any refund due.

GRAFTING WOOD

We can supply grafting wood of most of the varieties of nut trees that we list. No Bowser black walnut or Colby, Hansen, McKinster, Metcalfe Persian walnut wood to spare this year.

Price of Persian walnut and heartnut wood is 25¢ per foot.

Price of black walnut and hickory wood is 20¢ per foot.

One foot of wood will make three or four scions.

SEED NUTS

We do not have any seed nuts of the Carpathian Persian walnuts, this year. We had temperature of about -30° F. here last winter. It did not hurt the trees but did kill most of the catkin buds, so that very little pollen was shed, this resulted in very few nuts this fall.

We hope to have a good supply for next year.

PRICES OF GRAFTED TREES

PERSIAN WALNUT, HEARTNUT AND BUTTERNUT TREES

Under 2 ft trees	24.00 each
2 to 3 ft trees	4.50 "
3 to 4 ft trees	5.00 "
4 to 5 ft trees	5.50 "
Over 5 ft trees	6.00 "

BLACK WALNUT TREES

Under 2 ft trees	22.00 each
2 to 3 ft trees	3.50 "
3 to 4 ft trees	4.00 "
4 to 5 ft trees	4.50 "
Over 5 ft trees	5.00 "

HICKORY TREES

24.00 each

All grafted trees